Connect Icom portable to Mimer X-Link

IP501H, IP100H and other Icom radios with the 2-pin accessory side connector

Interface Power Supply
+12VDC / max 0,3A.

See wiring diagram on following pages.

Programming the radio
No special programming is needed in the radio.

Connecting the radio
The radio is connected through the 2-pin side connector.

Volume setting
The volume of the portable shall be set to "half" volume.
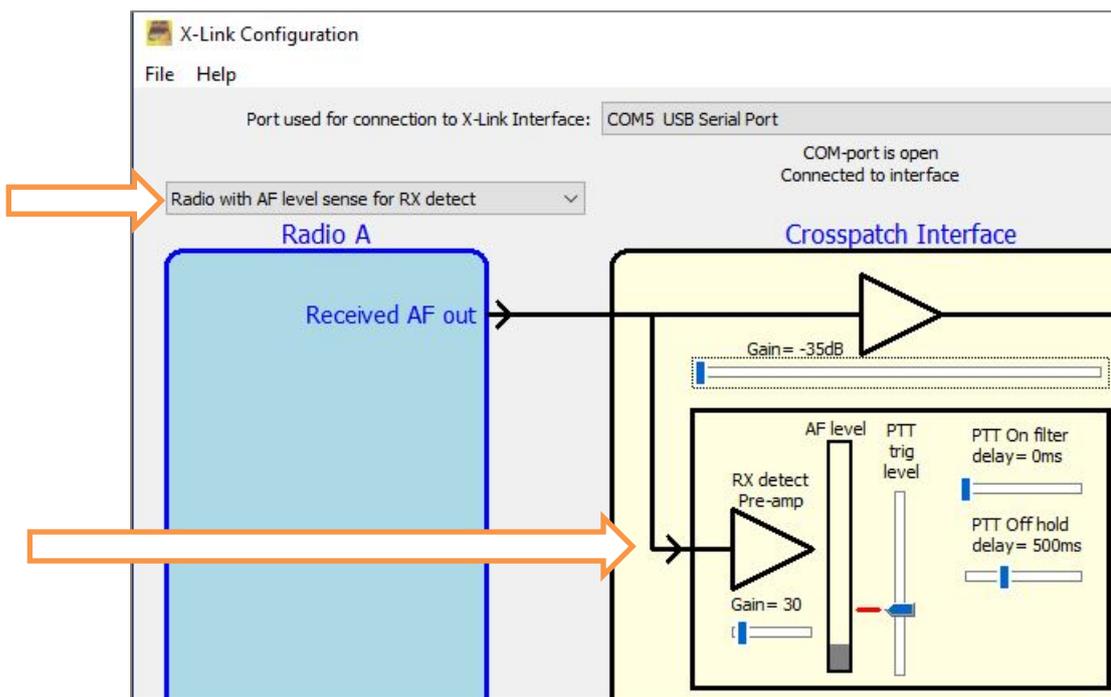

Cable kit X-Link to Icom portable

Settings in the X-Link interface

Select the proper settings for Radio A or Radio B depending on your connection.

- Radio with AF level sense for Rx detect.
- Set the detect level etc.
  Details can be found in the set up manual.

The levels in the picture are our recommendations. You might find that your radio needs adjustments.

Part of the Configuration software window

Check/adjust the audio levels in both directions in the interface so that the users hears the X-Link with the same level as when listening to other radios.

See the X-Link setup manual for details on setting the audio level.

Connection Cable:

Select the proper configuration below depending on if
your radio will be connected as Radio A or Radio B
to the X-Link interface.

```
                 IP501H                            X-Link
            ProEquip Cable                    25-pin Dsub Male

   SPEAKER   P3    Tip  ○         Red              ○  2   P1    LFinFromA
             P3    Ring ○                          
   GND       P3   Sleeve ○        Green            ○ 15   P1    LFinA_RET

Radio A
                                  White
   MIC       P4    Tip  ○                          ○ 13   P1    LFoutToA
             P4    Ring ○                          
   GND       P4   Sleeve ○        Screen           ○ 25   P1    LFoutA_RET

                                                   ○  5   P1    GND
                                   33kohm          ○  3   P1    Out-1 (PTT)

                              Red AWG 20
   12Vin  ═══════════════════════════════════════ ○ 19   P1    12Vin
                              Black AWG 20
   GND    ─────────────────────────────────────── ○ 20   P1    GND

                 IP501H
            ProEquip Cable

   SPEAKER   P3    Tip  ○         Red              ○ 12   P1    LFinFromB
             P3    Ring ○                          
   GND       P3   Sleeve ○        Green            ○ 24   P1    LFinB_RET

Radio B
                                  White
   MIC       P4    Tip  ○                          ○  1   P1    LFoutToB
             P4    Ring ○                          
   GND       P4   Sleeve ○        Screen           ○ 14   P1    LFoutB_RET

                                                   ○  9   P1    GND
                                   33kohm          ○ 11   P1    Out-2 (PTT)
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